

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	68	karabinis\$.in.	US-PGPUB; USPAT	OR	ON	2007/06/19 11:00
S2	5	S1 and alphabet	US-PGPUB; USPAT	OR	ON	2005/10/17 10:58
S3	7909	communication and alphabet	US-PGPUB; USPAT	OR	ON	2005/10/17 10:58
S4	2593	((wireless or rf or radio) with communication) and alphabet	US-PGPUB; USPAT	OR	ON	2005/10/17 11:01
S5	45204	"375"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/17 10:58
S6	63377	"370"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/17 10:59
S7	69028	"455"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/17 10:59
S8	392	S4 and S5	US-PGPUB; USPAT	OR	ON	2005/10/17 10:59
S9	200	S4 and S6	US-PGPUB; USPAT	OR	ON	2005/10/17 10:59
S10	330	S4 and S7	US-PGPUB; USPAT	OR	ON	2005/10/17 10:59
S11	186	S4 and S7	USPAT	OR	ON	2005/10/17 11:00
S12	941670	(transmit or transmitting or transmission or modulate or modulation or modulating)	USPAT	OR	ON	2005/10/17 11:01
S13	10732	alphabet	USPAT	OR	ON	2005/10/17 11:01
S14	1042	S12 same S13	USPAT	OR	ON	2005/10/17 11:01
S15	289	((wireless or rf or radio) with communication) and S14	US-PGPUB; USPAT	OR	ON	2005/10/17 11:01
S17	70	S15 and S6	US-PGPUB; USPAT	OR	ON	2005/10/17 11:02
S18	55	S15 and S7	US-PGPUB; USPAT	OR	ON	2005/10/17 11:02
S19	145	S15 and S5	USPAT	OR	ON	2005/10/17 11:04
S20	70	S15 and S6	USPAT	OR	ON	2005/10/17 11:02
S21	55	S15 and S7	USPAT	OR	ON	2005/10/17 11:02
S22	50	link with alphabet	USPAT	OR	ON	2005/10/17 11:05
S23	157	modulation with alphabet	USPAT	OR	ON	2005/10/17 11:05
S24	56466	"375"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/11 11:09

## EAST Search History

S25	1057764	(transmit or transmitting or transmission or modulate or modulation or modulating)	USPAT	OR	ON	2007/06/11 11:09
S26	12278	alphabet	USPAT	OR	ON	2007/06/11 11:09
S27	1267	S25 same S26	USPAT	OR	ON	2007/06/11 11:09
S28	410	((wireless or rf or radio) with communication) and S27	US-PGPUB; USPAT	OR	ON	2007/06/11 11:09
S29	209	S28 and S24	US-PGPUB; USPAT	OR	ON	2007/06/11 11:09
S30	123	("20020122408" "20020146979" "20020177465" "20030003815" "20030022625" "20030054762" "20030054814" "20030054815" "20030068978" "20030073436" "20030149986" "20030153308" "20040072539" "20040102156" "20040121727" "20040142660" "20040192293" "20040192395" "20040203393" "20040203742" "20040240525" "20050026606" "20050037749" "20050041619" "20050064813" "20050079816" "20050090256" "20050118948" "20050136836" "20050164700" "20050164701" "20050170834" "20050181786" "20050201449" "20050208890" "20050221757" "20050227618" "20050239399" "20050239403" "20050239404" "20050239457" "20050245192" "20050260947" "20050260984" "20050265273" "20050272369" "20050282542" "20050288011" "20060040659" "4901307" "5073900" "5303286" "5339330" "5394561" "5446756" "5448623" "5511233" "5555257" "5584046" "5612703" "5619525" "5631898" "5724666" "5761605" "5765098" "5812947" "5832379" "5838857" "5848060" "5852721" "5872544" "5878329" "5884142" "5907541" "5926758" "5937332" "5940753" "5991345" "5995832" "6011951" "6023605" "6052560" "6052586" "6067442" "6072430" "6085094" "6091933" "6097752" "6101385" "6108561" "6134437" "6157811" "6157834" "6160994" "6169878" "6198730" "6198921" "6201967" "6233463" "6240124" "6253080" "6256497" "6324405" "6339707" "6418147" "6418316" "6445926" "6449461" "6522865" "6526278" "6628919" "6684057" "6735437" "6775251" "6785543" "6856787" "6859652" "6879829" "6892068" "6937857" "6975837" "6999720" "7006789").PN.	US-PGPUB; USPAT	OR	ON	2007/06/15 16:58

## EAST Search History

S31	369183	symbol alphabet	US-PGPUB; USPAT	OR	ON	2007/06/19 11:03
S32	42	S30 and S31	US-PGPUB; USPAT	OR	ON	2007/06/15 16:58
S33	872385	(forward (downlink) (down adj link))	US-PGPUB; USPAT	OR	ON	2007/06/19 11:03
S34	724526	reverse uplink (up adj link)	US-PGPUB; USPAT	OR	ON	2007/06/19 11:03
S35	3247	S31 same S33 same S34	US-PGPUB; USPAT	OR	ON	2007/06/15 17:00
S36	0	S30 and S35	US-PGPUB; USPAT	OR	ON	2007/06/15 17:00
S37	757	(forward (downlink) (down adj link)) with qpsk	US-PGPUB; USPAT	OR	ON	2007/06/18 12:08
S38	183	(reverse uplink (up adj link)) with qam	US-PGPUB; USPAT	OR	ON	2007/06/19 11:03
S39	17	S37 same S38	US-PGPUB; USPAT	OR	ON	2007/06/18 12:31
S40	2056	asymetric asymmetrical nonsymetric nonsymetircal (non adj (symetric symetrical))	US-PGPUB; USPAT	OR	ON	2007/06/18 12:34
S41	14	S40 with (alphabet symbol modulation)	US-PGPUB; USPAT	OR	ON	2007/06/18 13:47
S42	1	(S40 with (alphabet symbol modulation)).ti.	US-PGPUB; USPAT	OR	ON	2007/06/18 12:33
S43	170263	asymmetric asymmetrical nonsymmetric nonsymmetircal (non adj (symmetric symmetrical))	US-PGPUB; USPAT	OR	ON	2007/06/18 13:44
S44	1871	S43 with (alphabet symbol modulation)	US-PGPUB; USPAT	OR	ON	2007/06/18 12:34
S45	0	S37 same S38 same S44	US-PGPUB; USPAT	OR	ON	2007/06/18 12:36
S49	6	S37 and S38 and S44	US-PGPUB; USPAT	OR	ON	2007/06/18 12:36
S50	28592	asymmetric asymmetrical nonsymmetric nonsymmetircal (non adj (symmetric symmetrical))	DERWENT	OR	ON	2007/06/18 13:44
S51	175693	(forward (downlink) (down adj link))	DERWENT	OR	ON	2007/06/18 13:45
S52	193632	reverse uplink (up adj link)	DERWENT	OR	ON	2007/06/18 13:46
S53	185	S50 and S51 and S52	DERWENT	OR	ON	2007/06/18 13:46
S54	204	S50 with (alphabet symbol modulation)	DERWENT	OR	ON	2007/06/18 13:47
S55	2	S54 and S51 and S52	DERWENT	OR	ON	2007/06/18 13:47

## EAST Search History

S56	10	(US-20040192395-\$ or US-20040121740-\$ or US-20030142622-\$ or US-20030045307-\$).did. or (US-6526278-\$ or US-RE39119-\$ or US-6549759-\$ or US-6049721-\$ or US-5754961-\$).did. or (US-6377817-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2007/06/18 14:41
S57	7	S56 and (base adj station)	US-PGPUB; USPAT	OR	ON	2007/06/18 17:23
S58	30	("3949404"   "4495619"   "5130983"   "5297144"   "5420851"   "5444698"   "5511082"   "5517503"   "5615212"   "5638371"   "5638374"   "5663990"   "5675573"   "5751708"   "5768254"   "5828695"   "5859619"   "5890055"   "5909469"   "6006069"   "6016311"   "6016313"   "6038455"   "6049566"   "6094421"   "6112080"   "6170061"   "6363241"   "6434189"   "6470005"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/18 14:57
S59	1	(US-20030045307-\$).did.	US-PGPUB	OR	ON	2007/06/18 15:35
S60	0	S59 and (polarize polarized polarization)	US-PGPUB	OR	ON	2007/06/18 15:37
S61	1	S59 and (code coding decode decoder decoded decoding)	US-PGPUB	OR	ON	2007/06/18 15:59
S62	0	S59 and (tdma)	US-PGPUB	OR	ON	2007/06/18 15:59
S63	3580	tdd	US-PGPUB	OR	ON	2007/06/18 16:00
S64	1	tdd and S59	US-PGPUB	OR	ON	2007/06/18 16:00
S65	74958	(base adj station)	US-PGPUB; USPAT	OR	ON	2007/06/18 17:23
S66	46544	(base adj station)	DERWENT	OR	ON	2007/06/18 17:24
S67	7569	diversity	DERWENT	OR	ON	2007/06/18 17:24
S68	66602	polarize polarized polarization	DERWENT	OR	ON	2007/06/18 17:24
S69	46	S66 same S67 same S68	DERWENT	OR	ON	2007/06/18 17:24
S70	1	(US-20040192395-\$).did.	US-PGPUB	OR	ON	2007/06/18 18:17
S71	12	mobile with diversity with relay	US-PGPUB	OR	ON	2007/06/18 18:17
S72	803	455/452.2.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/19 11:01
S73	848	455/452.1.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/19 11:01
S74	2352	455/450.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/19 11:01
S75	140	455/451.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/19 11:01

## EAST Search History

S76	894	455/453.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/19 11:02
S77	1603	455/562.1.ccls.	US-PGPUB; USPAT	OR	ON	2007/06/19 11:02
S78	5430	S72 S73 S74 S75 S76 S77	US-PGPUB; USPAT	OR	ON	2007/06/19 11:02
S79	872862	(forward (downlink) (down adj link))	US-PGPUB; USPAT	OR	ON	2007/06/19 11:03
S80	724879	reverse uplink (up adj link)	US-PGPUB; USPAT	OR	ON	2007/06/19 11:03
S81	369424	symbol alphabet	US-PGPUB; USPAT	OR	ON	2007/06/19 11:03
S82	959	S79 with S80 with S81	US-PGPUB; USPAT	OR	ON	2007/06/19 11:04
S83	38	S78 and S82	US-PGPUB; USPAT	OR	ON	2007/06/19 11:04